

## CLAIMS:

1. Device for recording information in blocks having logical addresses, which device comprises
  - recording means (21,22,25) for recording marks in a track on a record carrier representing the information, and
  - control means (20) for controlling the recording by locating each block at a physical address in the track, the control means comprising
    - defect management means (31) for translating the logical addresses into the physical addresses and vice versa in dependence of defect management information in a defect management area according to a predefined recording format,
    - the defect management information including defect entries indicating locations for replacing defective physical addresses, a read-only state of the record carrier being obtainable via a no-replacement state indicated by substantially none of the defect entries being free for use, and
    - read-only control means (32) for setting the record carrier to the read-only state by
      - reading original replacement information indicating a writable state from the defect management area, the original replacement information at least including at least one defect entry being free for use,
      - storing the original replacement information in a hidden area, and
      - modifying the defect management information to the no-replacement state.
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2. Device as claimed in claim 1, wherein the read-only control means (32) include re-open means (33) for resetting the record carrier from the read-only state by
  - retrieving the original replacement information from the hidden location,
  - modifying the defect management information to the writable state in dependence of the original replacement information.
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3. Device as claimed in claim 1, wherein the defect entries are arranged in defect tables, and the read-only control means (32) are arranged for storing a copy of the defect tables as the original replacement information in the hidden location.

4. Device as claimed in claim 1, wherein the defect management information comprises a main information packet having pointers to the defect tables, and the read-only control means (32) are arranged for generating a secondary information packet having  
5 pointers to the copy of the defect tables in the hidden location.
  5. Device as claimed in claim 1, wherein the read-only control means (32) are arranged for storing the original replacement information in the hidden location having a predefined position related to the defect management information, in particular related to a  
10 position of the defect entries in the defect management area.
  6. Device as claimed in claim 1, wherein the read-only control means (32) are arranged for storing the original replacement information in a file as the hidden location.
- 15 7. Record carrier for storing information, the record carrier comprising
  - information in blocks having logical addresses located at physical addresses in a track,
  - defect management information in a defect management area according to a predefined recording format, which defect management information provides a relation between the logical addresses and the physical addresses, and includes defect entries indicating locations
- 20 for replacing defective physical addresses, a read-only state of the record carrier being effected via a no-replacement state indicated by substantially none of the defect entries being free for use, and
  - original replacement information in a hidden location indicating a writable state of the defect management information, the original replacement information at least including at
- 25 least one defect entry being free for use.
8. Method of recording of information in blocks having logical addresses located at a physical address on a record carrier,
    - the logical addresses corresponding to the physical addresses in dependence of defect
- 30 management information in a defect management area according to a predefined recording format, which defect management information includes defect entries indicating locations for replacing defective physical addresses,
- a read-only state of the record carrier being obtainable via a no-replacement state indicated by substantially none of the defect entries being free for use,

the method comprising setting the record carrier to the read-only state by

- reading original replacement information indicating a writable state from the defect management area, the original replacement information at least including at least one defect entry being free for use,

5 - storing the original replacement information in a hidden location, and

- modifying the defect management information to the no-replacement state.

9. Computer program product for recording of information, which program is operative to cause a processor to perform the method as claimed in claim 8.